AMENDMENTS TO THE CLAIMS

1-40. (Cancelled)

41. (Currently Amended)   A method for determining latency for a real-time transport

protocol (RTP) data flow between a first endpoint and a second endpoint, said RTP data flow

transiting through a media router, comprising the steps of:

intercepting a first RTCP sender report sent from the first endpoint to the second

endpoint, and a first RTCP receiver report sent from the second endpoint to the first endpoint,

each first report transiting through the media router;

intercepting a second RTCP sender report sent from the second endpoint to the first

endpoint, and a second RTCP receiver report sent from the first endpoint to the second endpoint,

each second report transiting through the media router; and

determining, in the media router, a round-trip delay between the first endpoint and the

second endpoint based on a plurality of interception times, each interception time corresponding

to the time of intercepting one of the RTCP reports.

42. (Cancelled)

43. (Previously Presented)   The method of claim 41, wherein intercepting a first RTCP

sender report comprises the steps of:

receiving, in the media router, the first RTCP sender report, the first sender report

originating from the first endpoint and destined for the second endpoint and transiting through

the media router; and

transmitting the first RTCP sender report to the second endpoint.

44. (Cancelled)

45. (Currently Amended)   The method of claim 43, further comprising the step of:

recording a last session report (LSR) timestamp when the first RTCP sender report

transits through the media router;

~~storing~~ marking a first timestamp in the media router when the first RTCP receiver report

transmits though the media router;~~, the first timestamp recording the time at which the first~~

~~RTCP sender report was received in the media router.~~

obtaining a delay since LSR (DLSR) representing processing delay in the second

endpoint; and

determining the round-trip delay based upon the LSR timestamp, the DLSR, and the first

timestamp.

46. (Cancelled)

47. (Previously Presented)   The method of claim 41, further comprising the step of:

dividing the round-trip delay in half to produce a one-way latency between the first

endpoint and the second endpoint.

48. (Currently Amended)   A system for determining latency for a real-time transport

protocol (RTP) data flow between a first endpoint and a second endpoint, said RTP data flow

transiting through a media router, comprising:

means for intercepting a first RTCP sender report sent from the first endpoint to the

second endpoint, and a first RTCP receiver report sent from the second endpoint to the first

endpoint, each first report transiting through the media router;

means for intercepting a second RTCP sender report sent from the second endpoint to the

first endpoint, and a second RTCP receiver report sent from the first endpoint to the second

endpoint, each second report transiting through the media router; and

means for determining, in the media router, a round-trip delay between the first endpoint

and the second endpoint based on a plurality of interception times, each interception time

corresponding to the time of intercepting one of the RTCP reports.

49. (Cancelled)

50. (Previously Presented)   The system of claim 48, wherein the means for intercepting

a first RTCP sender report comprises:

means for receiving, in the media router, the first RTCP sender report, the first sender

report originating from the first endpoint and destined for the second endpoint and transiting

through the media router; and

means for transmitting the first RTCP sender report to the second endpoint.

51. (Cancelled)

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52. (Currently Amended)   The system of claim 48, further comprising:

means for recording a last session report (LSR) timestamp when the first RTCP sender report transits through the media router;

means for ~~storing~~ marking a first timestamp in the media router when the first RTCP receiver report transmits though the media router; ~~the first timestamp recording the time at which the first RTCP sender report was received in the media router.~~

means for obtaining a delay since LSR (DLSR) representing processing delay in the second endpoint; and

means for determining the round-trip delay based upon the LSR timestamp, the DLSR, and the first timestamp.

53. (Cancelled)

54. (Previously Presented)   The system of claim 48, further comprising:

means for dividing the round-trip delay in half to produce a one-way latency between the first endpoint and the second endpoint.

55. (Currently Amended)   An apparatus for determining latency for real-time transport protocol data flows, comprising:

a transceiver;

memory having stored thereon program code; and

a processor that is programmed by the program code to enable the apparatus to:

intercept a first RTCP sender report sent from the first endpoint to the second endpoint, and a first RTCP receiver report sent from the second endpoint to the first endpoint, each first report transiting through ~~the~~ a media router;

intercept a second RTCP sender report sent from the second endpoint to the first endpoint, and a second RTCP receiver report sent from the first endpoint to the second endpoint, each second report transiting through the media router; and

determine, in the media router, a round-trip delay between the first endpoint and the second endpoint based on a plurality of interception times, each interception time corresponding to the time of intercepting one of the RTCP reports.

56. (Cancelled)

57. (Previously Presented)   The apparatus of claim 55, wherein the processor is further programmed to enable the apparatus to:

receive, in the media router, the first RTCP sender report, the first sender report originating from the first endpoint and destined for the second endpoint and transiting through the media router; and

transmit the first RTCP sender report to the second endpoint.

58. (Cancelled)

59. (Currently Amended)   The apparatus of claim 55, wherein the processor is further programmed to enable the apparatus to:

record a last session report (LSR) timestamp when the first RTCP sender report transits through the media router;

~~store~~ mark a first timestamp in the media router when the first RTCP receiver report transmits though the media router;~~, the first timestamp recording the time at which the first RTCP sender report was received in the media router.~~

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obtain a delay since LSR (DLSR) representing processing delay in the second endpoint; and

determining the round-trip delay based upon the LSR timestamp, the DLSR, and the first timestamp.

60. (Cancelled)

61. (Previously Presented)   The apparatus of claim 55, wherein the processor is further programmed to enable the apparatus to:

divide the round-trip delay in half to produce a one-way latency between the first endpoint and the second endpoint..

61. (New)   The method of claim 45, wherein the determining step further comprises:

subtracting both the LSR timestamp and the DLSR from the first timestamp to determine the round-trip delay.

62. (New)   The system of claim 52, wherein the means for determining further comprises:

means for subtracting both the LSR timestamp and the DLSR from the first timestamp to determine the round-trip delay.

63. (New)   The apparatus of claim 59, wherein the processor is further programmed to enable the apparatus to:

subtract both the LSR timestamp and the DLSR from the first timestamp to determine the round-trip delay.